

Attorney Docket No. BARDP0115US

Remarks

This amendment is being submitted to delete multiple dependencies prior to calculation of the filing fee.

Respectfully submitted,



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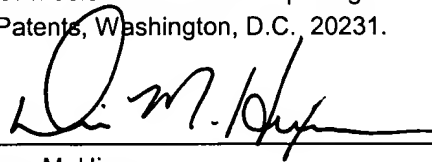
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CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper or item referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first-class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231.

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9-12-01



Diane M. Hixson

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APPENDIX

The change(s) to the specification and/or claims are below shown by underscoring and bracketing.

In the Claims:

Claims 3, 4, 6, 7, 17, 24 and 25 have been amended as follows:

3. Switching element according to claim 1 [or 2], wherein the high frequency is in the MHz-range and in particular less than 200 MHz.

4. Switching element according to [one of the claims 1 to 3] claim 1, wherein the means (3) for irradiating the electromagnetic high frequency comprise at least one coil (6) arranged close to the at least one high temperature superconductor (1).

6. Switching element according to claim 4 [or 5], wherein the coil (6) is manufactured from a superconducting material.

7. Switching element according to [one of the claims 1 to 6] claim 1, wherein the means (3) irradiate the electromagnetic high frequency in the form of at least one pulse.

17. Flow pump according to claim 15 [or 16], wherein the alternating voltage has a frequency of 20 Hz and the closing time of the switching element is approximately 15 ms.

24. Method according to claim 22 [or 23], wherein the electromagnetic high frequency is in the MHz range, preferably less than 200 MHz.

25. Method according to [one of the claims 22 to 24] claim 22, wherein the high frequency is irradiated as one or more pulses.